Contents

JULY

The Placenta in Experimental Toxemia of Pregnancy — DONALD G. MC KAY — 1
Sarcoma of the Uterus — JOHN G. BOUTSELIS *and* JOHN C. ULLERY — 23
Pregnancy and Lupus Erythematosus — PHILANDER RICKS, JR. — 36
Pregnancies in the Sisters and Daughters of Eclamptic Women — LEON C. CHESLEY, ROBERT A. COSGROVE, *and* JOHN E. ANNITTO — 39
Uncommon Forms of Genital Tuberculosis: Report of cases of giant tuberculous salpingitis, tuberculous salpingitis with broad-ligament cyst, and postmenopausal endometrial tuberculosis — SAMUEL A. WOLFE — 47
Hydrocortisone Therapy for Bacterial Shock in Septic Abortion — PAUL R. MADSEN *and* HENRY L. TIECHE — 56
Serum Lactic Dehydrogenase Levels in Normal and Pathologic Pregnancies — WARREN C. PLAUCHE *and* LOIS M. MOSEY — 62
Management of Primary Dysmenorrhea — JEROME S. MENAKER *and* KENNETH D. POWERS — 66
Repair of Posthysterectomy Vaginal-Vault Prolapse — FREDERICK E. LANE — 72
Ruptured Vaginal Enterocele — J. K. MC GREGOR *and* R. PRIORE — 78
The Electronic Evaluation of Fetal Heart Rate: VII. Premature and missed beats — E. H. HON *and* H. S. HUANG — 81
Saline-Glucose Diagnostic Medium: A culture medium for the diagnosis of *Trichomonas* and *Monilia* vaginitis — ALEXANDER VARGA — 91
Concentrated Oxytocin Solution for Therapeutic Interruption of Midtrimester Pregnancy: A preliminary report — MICHAEL S. BURNHILL, JOSEPH A. GAINES, *and* ALAN F. GUTTMACHER — 94
Convulsion with Hypofibrinogenemia in Pregnancy — BRUCE K. WILLITTS — 101
Influence of Pulmonary Tuberculosis on Hydatidiform Mole — H. ACOSTA-SISON — 103
Osteogenesis Imperfecta and Pregnancy: Report of a case — S. L. COHN, R. SCHREIER, *and* D. FELD — 107
Primary Malignant Melanoma of Vagina — JOHN G. BATSAKIS *and* WILLIAM R. DITO — 109
Genital Stromal Changes Induced by Malignant Lymphomata and Leukemia — ANCEL BLAUSTEIN, H. M. PAYAN, *and* M. KISH — 112
Tissue Activator of the Fibrinolytic System in Placental Tissue — FRITZ K. BELLER, W. GOESSNER, *and* HANS J. HERRSCHLEIN — 117
Recurrent Utero-ovarian Vein Rupture: Report of 3 cases — JOHN W. LUCE — 120
Infant Jaundice after Phenothiazine Drugs for Labor: An Enigma — PAUL W. SCOKEL, III, *and* W. NICHOLSON JONES — 124
Presidential Address: The Professor at the Delivery Table — NICHOLSON J. EASTMAN — 128
Letters — 132
Book Reviews — 135
Editorial — 140
After Office Hours:
Premarital Examination and Counseling — CHARLES E. FLOWERS, JR. — 143
Hamlet's Soliloquy on Allergy — E. L. DIMMICK — 148

AUGUST

Prognostic Factors in Endometrial Adenocarcinoma — HENRY A. THIEDE *and* CURTIS J. LUND — 149
Severe Idiosyncratic Reactions to an Intravenous Iron Preparation — ANDREW S. BLAZAR *and* MANUEL GONZALEZ DEL RIEGO — 156
Perinatal Morbidity and Mortality Associated with Cesarean Section: II. Fetal salvage in the presence of stress factors — JOSEPH KLEIN — 160
Technic for Substitution of the Uterine Tube — ALLAN G. CHARLES, JAMES E. LABES, MELVIN COHEN, LYNDON B. FITCH, *and* WILLIAM C. SHOEMAKER — 174
Endolymphatic Stromal Myosis: Report of 2 cases and review of the literature — HARRY M. NELSON *and* JAMES R. HAGERTY — 180

CONTENTS

Ectopic Pregnancy: Report of 132 cases and comments on the role of the culdoscope in diagnosis — H. L. RIVA, L. A. KAMMERAAD, *and* PAUL S. ANDRESON — 189
Renal Conservation of Calcium During Pregnancy — DONALD A. GOSS — 199
The Physical Properties of Fetal Membranes — W. Z. POLISHUK, S. KOHANE, *and* ANTHONY PERANIO — 204
Soap-induced Abortion: Report of 5 cases — RONALD SMITH, LEONARD F. SMITH, *and* BENJAMIN TENNEY — 211
Congenital Listeriosis: Diagnosis from Placental Studies — SHIRLEY G. DRISCOLL, ARTHUR GORBACH, *and* DONALD FELDMAN — 216
Management and Complications of Abdominal Pregnancy — M. LEO BOBROW, IRVING SCHREIBER, *and* A. CHARLES POSNER — 221
Dysontogenetic Cyst of the Vulva: Report of a case, with reference to etiologic classification of vulvar cysts — N. A. JANOVSKI — 227
Blood Coagulation Defects During Pregnancy — JAMES T. MADRY — 232
Pregnancy and Aortic Insufficiency: Term pregnancy in a patient with Hufnagel valve — JOHN F. GORMAN — 238
Portacaval Shunt Performed During Pregnancy: Report of a case — JAMES A. O'LEARY *and* FRANK J. BEPKO, JR. — 243
Preventable Perinatal Deaths—Results of a Study in Suburban Cook County Hospitals for 1960 — MATTHEW J. BULFIN — 247
Tissue Cultures in Gynecologic Research — MILENA SIMECKOVA, ERVIN E. NICHOLS, *and* EWALD LONSER — 251
Correlation Between Vaginal Cytologic Findings and Placental Pathologic Observations in Early Abortion — ARIE SADOVSKY, BRUNO BERCOVICI, ALEXANDER LAUFER, W. ZEEV POLISHUK, *and* STEFAN KOHANE — 256
Urinary Estriol Excretion as an Index of Placental Function: Report of a case — JOHN W. GREENE, JR., HARRY FIELDS, *and* JOSEPH C. TOUCHSTONE — 260
Cannula for Obtaining Endometrial Material for Cytologic Study — JOHN G. BOUTSELIS *and* JOHN C. ULLERY — 265
Dystocia due to Distention of the Fetal Bladder: Report of a case — C. RODNEY STOLTZ — 268
Afibrinogenemia due to Postabortal *clostridium welchii* Infection — EMILY E. LUTZ — 270
Letters — 274
Book Reviews — 276
After Office Hours: Care of 2506 Rural Obstetric Patients under a Cooperative Program — LOIS C. ANDERSEN *and* JOHN WHITRIDGE, JR. — 278

SEPTEMBER

Urologic Complications of Radical Wertheim Hysterectomy: Incidence, Etiology, Management, and Prevention — THOMAS H. GREEN, JR., JOE V. MEIGS, HOWARD ULFELDER, *and* RICHARD R. CURTIN — 293
Effects of Smoking in Pregnancy: A Continuing Retrospective Study — LEWIS E. SAVEL *and* EDWARD ROTH — 313
Blood Groups in Fertility and Sterility — M. JAMES WHITELAW, LESLIE GRAMS, *and* MARIE ANTONE — 317
The Significance of Meconium-Stained Amniotic Fluid in Cephalic Presentation — JAMES L. LEONARD — 320
Oral Contraception — SAM. GORDON BERKOW, PHILIP A. ROSENFELD, *and* LESTER H. BERKOW — 324
Cervical Cultures in Acute Salpingitis — JOSEPH A. RIGGS — 330
Diabetes Mellitus and Pregnancy: A 20-Year Evaluation of 118 Pregnancies Managed Conservatively — CARLYLE CRENSHAW, ROY T. PARKER, *and* BAYARD CARTER — 334
Microbiology of the Female Genital Tract: II. A Clinical Evaluation and Long-Term Follow of Recent Gravidas with Asymptomatic Bacteriuria — IRVING J. SLOTNICK *and* HARRY PRYSTOWSKY — 342
Glucuronic Acid Conjugation of Anisic Acid in Normal and Toxemic Pregnancy — T. H. BREWER *and* J. B. MIALE — 345

CONTENTS

Histologic Appearance of the Placenta in Ectopic Pregnancy
ALEXANDER LAUFER, ARIE SADOVSKY, *and* ELIAHU SADOVSKY 350
Rapid Turbidimetric Assay for Plasma Fibrinogen: A Clinical Evaluation
WILLIAM E. JOSEY *and* EDWARD D. LEVY 354
Hyperthermia of Septic Abortion—Management by Cooling Venovenous Perfusion
BYRON J. MASTERSON 359
The Effect of Cesarean Section and Epidural Anesthesia upon the Mechanism of Fetal Oxygenation JAMES A. LOW 363
Vaginal *p*H and the Effect of Douching ROBERT GLYNN 369
Spontaneous Intracranial Bleeding in Pregnancy ELTON L. COPELAN *and* ROBERT F. MABON 373
Management of Pelvic Relaxation During Laparotomy
JERE C. ROBERTSON, EVERETT M. CLAYTON, JR., *and* D. SCOTT BAYER 379
Term Tubo-ovarian Pregnancy with Fetal Survival: Report of a case, with emphasis on histochemical and morphological aspects of the placenta
N. A. JANOVSKI *and* MACLYN E. WADE 384
Ovarian Conservation with Dermoid Cyst CLAY BURCHELL 394
Lymphosarcoma Involving the Ovaries and Breasts: Report of a case
JAMES M. CLOSE *and* HAROLD M. JESURUN 397
Intermittent Diuretic Therapy During Pregnancy RICHARD X. SANDS 400
Primary Carcinoma in Situ of the Vagina: Report of 2 cases
JAMES P. MORAN *and* HERBERT J. ROBINSON 405
Chronic Trichomoniasis and Cervical Cancer
MILENA SIMECKOVA, EWALD LONSER, ERVIN E. NICHOLS, *and* IRVING N. RUBINSTEIN 410
Plasma Thromboplastin Antecedent (PTA) Deficiency: Report of a case
LOUISE LANG PHILLIPS *and* HOWARD C. TAYLOR, JR. 413
Metastatic Choriocarcinoma of the Nasopharynx with Fatal Epistaxis
JOHNNIE R. BETSON, JR., *and* ADOLPH JACOBS 417
Hemangioma of the Cervix Uteri: Report of a case BRUCE K. WILLITTS 420
Letters 422
After Office Hours: What's Next? Recent Trends in Reproductive Physiology
PRENTISS WILLSON 423

OCTOBER

Roentgenographic Diagnosis of Vaginal Vault Hernia ABRAHAM F. LASH *and* BERTRAM LEVIN 427
Further Observations on Transbuccal Administration of Pitocin for Induction and Stimulation of Labor THOMAS F. DILLON, R. GORDON DOUGLAS, *and* VINCENT DU VIGNEAUD 434
Metabolic Activity of Oxytocin: Preliminary observations
RICHARD L. BURT *and* NORMAN H. LEAKE 442
The Generalized Shwartzman Reaction in the Pregnant Woman DONALD G. MC KAY 446
Fluorescence Microscopy in Exfoliative Cytology: A ten-second acridine orange staining technic for cytologic cancer screening H. L. RIVA *and* THOMAS R. TURNER 451
Transillumination—A New Method of Vesicovaginal Fistula Investigation ALBERT ALTCHEK 458
Paracervical Blocks: Results of a Double-blind Evaluation
A. ELMORE SEEDS, JR., PAUL STEIN-MESSINGER, *and* JAMES H. DORSEY 462
Elective Induction of Labor and Long-acting Caudal Analgesia
CHARLES T. STUBBLEFIELD *and* W. BENSON HARER, JR. 468
Some Chemical Caracteristics of Ovarian and Parovarian Cystic Fluids
WILLIAM KIEKHOFER, GERALD J. HOLMEN, *and* BEN PECKHAM 471
Rapid Blood Replacement via the Bone Marrow: Report of a case
JOHN J. BROGAN, M. EUGENE EICHMAN, JR., *and* JOSEPH J. SZAL 484
Acute Hydramnios: Report of five cases RAJA ABDUL-KARIM *and* GEORGE ISKANDAR 486
Hemolytic Disease of the Newborn: Comparison of Treatment in Lying-in and Receiving Hospitals HERBERT F. PHILIPSBORN, JR., ALBERT B. GERBIE, HOWARD S. TRAISMAN, JOSEPHINE EARLYWINE, *and* DAVID MILLS 490
Locked Twins: Report of a case RIDGELY C. BENNETT 497
Ectopic Pregnancy: A 16-year Survey of 905 Cases M. LEO BOBROW *and* HUGH G. BELL 500

CONTENTS

Embryology of the Müllerian Duct System: Review of present-day theory
WARREN M. CROSBY *and* EDWARD C. HILL 507

Radio-telemetry of Fetal Heart Energy ORVAN W. HESS 516

Hysterectomy: Results of a Ten-year Study JOHN E. BURNETT, JR. 522

Postcesarean Staphylococcal Peritonitis: Report of 2 cases JOSEPH D. MILLERICK 528

Correction and Prevention of Anemia Developing in Pregnancy
JOHN D. OWEN *and* CARL F. GLIENKE 531

Anterior Sacculation of the Pregnant Uterus
JOSEPH J. SMITH, EUGENE D. SCHWARTZ, *and* SEYMOUR L. ROMNEY 536

Pregnancy Complicated by Hemorrhagic Adrenal Cyst
H. LAMAR GILLESPIE *and* JASPER L. MC PHAIL 539

Malignant Lesions Arising from Benign Endometrial Polyps
SAMUEL A. WOLFE *and* ABRAHAM MACKLES 542

Testicular Feminization: Report of 2 cases occurring in siblings
BENJAMIN KENDALL *and* LEOPOLD S. LOEWENBERG 551

Letters 555

Book Reviews 556

After Office Hours: A Visit with Dr. Archibald Donald Campbell SAM. GORDON BERKOW 559

NOVEMBER

Radioactive Colloidal Gold in the Therapy of Cervical Carcinoma
ALWIN SCHULTZ, BEN PECKHAM, *and* WILLIAM KIEKHOFER 567

Histochemical Distribution Patterns of Oxidative Enzymes in the Human Placenta
JOCHANAN H. BOSS *and* JOHN M. CRAIG 572

Intranasal Syntocinon and Postpartum Breast Engorgement
GEORGE M. RYAN, JR., *and* DICK A. J. BROWN 582

Rupture of Uterus in Late Pregnancy: Changing concepts based upon studies of 50 cases EDWARD G. WATERS *and* WILLIAM M. HALL 585

Treatment of Edematous Cervix During Labor ROBERT G. DEMOS 595

Acridine-orange Fluorescence Microscopy in the Detection of Pathogenic Vaginal Flora W. A. VAN NIEKERK 596

Benign Lesions of Aberrant Trophoblasts in the Lungs: Report of a case
BENJAMIN D. CANLAS, JR. 602

Antepartum and Postpartum Detection of Fetal Erythrocytes in Maternal Circulation
EVERETT M. CLAYTON, JR., JERE C. ROBERTSON, *and* WILLIAM D. FELDHAUS 608

Metronidazole in the Treatment of Trichomonal Infections: A clinical study
BRUCE F. P. WILLIAMS 611

Drugs for Vaginal Trichomoniasis: Results of a Comparative Study
DANIEL H. CLARK, EDWARD SOLOMONS, *and* SEYMOUR A. SIEGAL 615

New Modifications in Hysterocolpectomy for Procidentia
H. GLENN THOMPSON, HARRISON PICOT, *and* CHRISTOPHER J. MURPHY, JR. 621

Pathologic Examination of a Postpartum Uterus Containing Dacron used for Cerclage WILLIAM H. KIRKLEY, J. C. GILBERT, JR., *and* G. C. MC DANIEL 626

Hemophilus Vaginalis among Asymptomatic Women
WILBUR E. DUNKELBERG, JR., JAMES D. HEFNER, WARREN E. PATOW, FRANK J. WYMAN, JR., *and* HANS I. ORUP 629

Cervical Carcinoma in Situ in Pregnancy
ROBERT E. DEAN, N. PAUL ISBELL, *and* DON E. WOODARD 633

Effect of 17alpha-Hydroxyprogesterone Caproate on Postpartum Milk Secretion
RAJA ABDUL-KARIM *and* LEILA ABU NIMEH 636

The Incidence of *Staphylococcus aureus* and *Candida albicans* in Pregnant Women
SOL HABERMAN, EVRI B. MENDEL, DOROTHY K. HALL, *and* LOUISE RAMSEY 639

New Instrument for Cesarean Section GAIL V. ANDERSON 644

Is Colposcopy Practical? A two-year appraisal PRESTON LEA WILDS 645

Meckel's Diverticulitis, A Complication of Pregnancy
HOWARD C. WALSER, R. R. MARGULIS, *and* J. E. LADD 651

CONTENTS

Amniotic Fluid Crystallization Test for Ruptured Membranes
RONALD W. SMITH *and* DWIGHT A. CALLAGAN 655

Obstetric and Anesthetic Management Following Spontaneous Subarachnoid Hemorrhage MELVIN B. LAUBSTEIN, HERBERT L. KOTZ, *and* FREDERICK W. HEHRE 661

Retroperitoneal and Presacral Neurofibroma: A case report
R. CHARLES NUCCI *and* F. D. BEYER, JR. 668

Antepartum Bleeding due to Injury of Velamentous Placental Vessels T. VAGO *and* E. CASPI 671

Uterine Contractility in a Paraplegic Patient: Report of a case
HARRY T. HUTCHINSON *and* ALOIS VASICKA 675

Vaginal Cytology in the Prediction of Onset of Labor
ROSALYN YASKIN ABRAMS *and* JEROME ABRAMS 679

Lymphosarcoma of the Ovary: Report of a case with review of the literature
JAMES COLLINS *and* PHILIP G. PIPER 686

Benign and Malignant Adenomatous Lesions of the Vulva: Summaries of 6 cases
J. D. WOODRUFF *and* A. E. SEEDS, JR. 690

Interstitial Pregnancy: Report of a case MILTON F. GUTGLASS *and* ILHAN ADALI 696

Book Reviews 699

DECEMBER, PART I

Cytology of the Pelvic Peritoneal Cavity in Benign and Malignant Disease CYRIL C. MARCUS 701

Uterine Anomalies in Habitual Abortion and Premature Labor
MICHAEL L. KAMM *and* HEINRICH E. BEERNINK 713

Isodose Studies of Radium Patterns Suitable for Treatment of Cervical Cancer. Part II
P. R. BLAHEY, R. A. BEIQUE, *and* P. M. CORRY 719

Caudal Anesthesia in Obstetrics TOMMY N. EVANS, GEORGE W. MORLEY, *and* LOUIS HELDER 726

Anesthesia and Postpartum Headache
C. W. WHITE, JR., JESS B. WEISS, EUGENE C. ALVER, *and* DOROTHY K. HEERDEGEN 734

Ureteroileocystostomy PHILIP KRUPP *and* MILTON HOFFMAN 739

Human Fertilization LANDRUM B. SHETTLES 750

Ovarian Dysgerminoma with Precocious Isosexual Puberty Followed by Virilization: Report of a clinical, histologic, and hormonal study GIORGIO GIUSTI, ALDO BORGHI, UMBERTO BIGOZZI, LIONELLO NEGRI, *and* ROBERTO TOCCAFONDI 755

Dysfunctional Labor: IV. Combined aberrant dilatation patterns in the nullipara
EMANUEL A. FRIEDMAN *and* MARLENE R. SACHTLEBEN 761

Postpartum Immunization: Report of a study
JOHN T. QUEENAN, ROBERT LANDESMAN, MASAO NAKAMOTO, *and* KATHLEEN H. WILSON 774

Myometrial Involvement in von Recklinghausen's Disease: Report of a case
HERBERT L. YOUSEM *and* HOWARD D. DORFMAN 781

Fetal Electrocardiography for the Diagnosis of Fetal Life
JULIAN A. WELLS *and* JOSEPH R. SWARTWOUT 785

The Bacteriologic Diagnosis of Trichomonal, Candidal, and Combined Infections
WARREN R. LANG, MARY ANN FRITZ, *and* HYMAN MENDUKE 788

Enterouterine Fistula: Report of a case W. VICTOR TURKEL *and* ALLAN B. WEINGOLD 792

Naegele Pelvis: Report of a case PAUL E. LAWLER, JR., *and* THOMAS M. IANNUCCI 796

Hematoma of the Umbilical Cord: Report of a case RONALD SCHREIER *and* SAUL BROWN 798

Chronic Inversion of the Uterus with Presenting Epidermoid Carcinoma: Report of a case CHARLES F. GILLESPIE 801

Uteroabdominal Pregnancy with Hypofibrinogenemia: Report of a case
HAROLD JACK KOSASKY, ALFRED ALLAN JACOBS, *and* DOUGLAS MARTIN HAYNES 805

Vaginal Soft-tissue Dystocia KELLY P. BURKHART 808

Cancer Detection in Private Practice
JOSEPH W. SCOTT, CHARLES A. GILPIN, *and* THOMAS F. BLAKE 814

CONTENTS

DECEMBER, PART II

The Backward Glance—The Forward Look	RALPH A. REIS	817
Noblesse Oblige	EDWARD C. HUGHES	821
Hypothalamus Function and Reproduction	S. LEON ISRAEL	826
Progress in Thyroidology Pertaining to Human Reproduction	RALPH C. BENSEN	836
Surgical Treatment of Infertility	C. LEE BUXTON *and* LUIGI MASTROIANNI, JR.	844
Use of Oxytocin and Vasopressin in Obstetrics and Gynecology	R. GORDON DOUGLAS *and* THOMAS F. DILLON	852
The Placenta: Some New Knowledge about an Old Organ	ARTHUR T. HERTIG	859
Human Congenital Anomalies—Some Current Concepts	FRANK R. LOCK	867
Perinatal Mortality	D. E. CANNELL	874
Ovarian Conservation	CLYDE L. RANDALL	880
The Nonsurgical Management of Urinary Incontinence	ERLE HENRIKSEN	887
Gynecologic Cancer: A Decade of Progress	NORMAN F. MILLER, RICHARD A. KUTCIPAL, *and* BERNHARDT PEDERSON	895
An Evaluation of Treatment of Invasive Cervical Carcinoma	ROBERT A. KIMBROUGH	901
Treatment of Cervical Cancer	A. N. ARNESON	905
The Estrogen-Cancer Hypothesis in Reference to Protracted Estrogen Substitution	LUDWIG A. EMGE	915
Trends in Obstetrics and Gynecology	WILLIAM F. MENGERT	923
Undergraduate Education in Obstetrics and Gynecology	J. ROBERT WILLSON	929
Indexes		
Authors		937
Subjects and Titles		942

17
21
26
36
44

52
59
67
74
80
87

95
01
05

15
23
29

37
42